

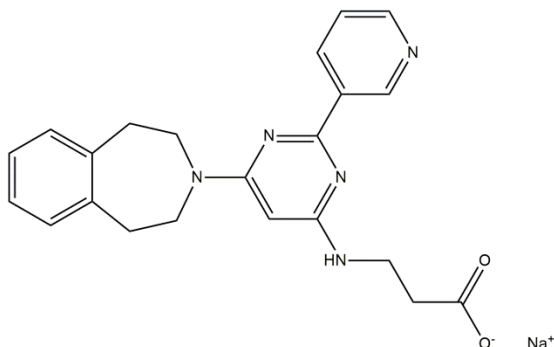
# GSK-J2 (Sodium Salt)

5/19

**ALTERNATE NAMES:** 3-((6-(4,5-dihydro-1H-benzo[d]azepin-3(2H)-yl)-2-(pyridin-3-yl)pyrimidin-4-yl)amino)propanoic acid, monosodium salt, 3-[[2-pyridin-3-yl-6-(1,2,4,5-tetrahydro-3-benzazepin-3-yl)pyrimidin-4-yl]amino]propanoic acid; sodium

**CATALOG #:** B2813-1 1 mg  
B2813-5 5 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>22</sub>H<sub>23</sub>N<sub>5</sub>NaO<sub>2</sub>

**MOLECULAR WEIGHT:** 411.43

**CAS NUMBER:** 2108665-15-0

**APPEARANCE:** Crystalline solid

**PURITY:** ≥90%

**SOLUBILITY:** Sparingly soluble in aqueous and organic solvents such as DMSO, ethanol and DMF

**DESCRIPTION:** GSK-J2 (sodium salt) is an isomer of GSK-J1. GSK-1 is a selective inhibitor of the H3K27 histone demethylases JMJD3 and UTX, with an IC<sub>50</sub> of 60 nM for human JMJD3 *in vitro*. GSK-J2 poorly inhibits JMJD3 with an IC<sub>50</sub> > 100 μM *in vitro*. GSK-J2 serves as a negative control for *in vitro* studies with GSK-J1.

**STORAGE TEMPERATURE:** -20°C. Store under desiccating conditions.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

GSK-J4 hydrochloride (Cat. No. 2259)  
 GSK-J1 sodium salt (Cat. No. 2260)  
 GSK-J1 (Free acid) (Cat. No. 2761)  
 DiscoveryPak™ Epigenetic Modulators Set I (Cat. No. K879)  
 GSK-J4 (Free base) (Cat. No. 2762)

**DISCLAIMER:** **FOR RESEARCH USE ONLY! Not to be used on humans.**